



03-25-04

Express Mail No. EV322529889US

Attorney Docket No. A54 DIV(1)

Client/Matter No. 80741.0026.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tapesh Yadav, et al.

Serial No. 10/755,024

Filed: January 9, 2004

For: SOLUTION-BASED
MANUFACTURING OF
NANOMATERIALS

Group Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

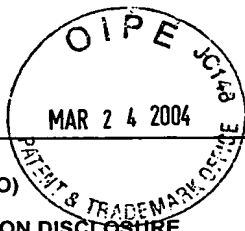
Applicant hereby submits for filing under 37 C.F.R. 1.97 a disclosure statement. In submitting these references, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information of which Applicant is presently aware are listed in Form PTO/SB/08A submitted herewith and copies of all such patents and publications are attached hereto.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Signed on March 24, 2004.

Respectfully submitted,

Stuart T. Langley, Reg. No. 33,940
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5335 Tel
(720) 406-5301 Fax



PTO/SB/08A (10/01) (Substitute for form 1449A/PTO) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet <u>1</u> of <u>3</u>	ATTY. DOCKET NO. A54 DIV(2) Client/Matter No. 80741.0026.002	APPLICATION NO. 10/755,024
	FIRST NAMED INVENTOR Tapeshe Yadav, et al.	
	FILING DATE January 9, 2004	ART UNIT

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-6,653,022 B2	11/25/2003	Nordlinder et al.	
	2.	US-6,432,526 B1	8/13/2002	Arney et al.	
	3.	US-6,447,856 B1	9/10/2002	Meagher et al.	
	4.	US-6,162,530	12/19/2000	Xiao et al.	
	5.	US-5,935,275	8/10/1999	Burgard et al.	
	6.	US-5,718,907	2/17/1998	Labarre	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Doc cntry code – No. – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
						YES	NO

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published
	1.	XUCHUAN JIANG, THURSTON HERRICKS, AND YOUNAN XIA, CuO Nanowires Can be Synthesized by Heating Copper Substrates in Air, Nano Letters, Published on Web 10/24/2002, Volume 2, Number 12, December 2002.
	2.	YUGANG SUN, BYRON GATES, BRIAN MAYERS, AND YOUNAN XIA, Crystalline Silver Nanowires by Soft Solution Processing, Nano Letters, Published on Web 01/03/2002, 2002, Volume 2, Number 2, 165-168.
	3.	HAI-FENG ZHANG, ALICE C. DOHNALKOVA, CHONG-MIN WANG, JAMES S. YOUNG, EDGAR C. BUCK, AND LAI-SHENG WANG, Lithium-Assisted Self-Assembly of Aluminum Carbide Nanowires and Nanoribbons, Nano Letters, Published on Web 12/14/2001; 2002, Volume 2, Number 2, 105-108.

EXAMINER SIGNATURE

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10/01)
(Substitute for form 1449A/PTO)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Sheet 2 of 3

ATTY. DOCKET NO. A54 DIV(2)
Client/Matter No. 80741.0026.002

APPLICATION NO.
10/755,024

FIRST NAMED INVENTOR
Tapeshe Yadav, et al.

FILING DATE
January 9, 2004

ART UNIT

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Doc cntry code - No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
						YES	NO

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published
	4.	WILLIAM E. BUHRO AND VICKI L. COLVIN, Semiconductor Nanocrystals Shape Matters, Nature Materials, Vol. 2, March 2003.
	5.	DELI WANG AND CHARLES M. LIEBER, Inorganic Materials Nanocrystals branch out, Nature Materials, Vol. 2, June 2003.
	6.	YIYING WU, RONG FAN, AND PEIDONG YANG, Block-by-Block Growth of Single-Crystalline Si/SiGe Superlattice Nanowires, Nano Letters, Published on Web 01/19/2002, 2002, Vol. 2, No. 2, 83-86.

EXAMINER SIGNATURE

DATE CONSIDERED

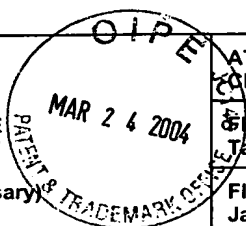
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (10/01)
(Substitute for form 1449A/PTO)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 3 of 3



ATTY. DOCKET NO. A54 DIV(2)
Client/Matter No. 80741.0026.002

APPLICATION NO.
10/755,024

FIRST NAMED INVENTOR
Tapesh Yadav, et al.

FILING DATE
January 9, 2004

ART UNIT

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Doc cntry code - No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
						YES	NO

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published
	7.	HYUN S. MYUNG, JEON G. HAN, AND JIN H. BOO, A Study on the Synthesis and formation behavior of nanostructured TiN films by copper doping, Surface and Coatings Technology, 177-178 (2004) 404-408
	8.	J. SCHOONMAN, Nanostructured Materials in Solid State Ionics, 135 (2000) 5-19
	9.	RICHARD LANE, BENJAMIN CRAIG AND WADE BABCOCK, Materials Engineering with Nature's Building Blocks, APMTIAC, 2002 (http://amptiac.alionscience.com/pdf/materialEase/2002MaterialEase17.pdf)
	10.	OTHON ADAMOPLOUS, ET AL., The Characterisation and Reactivity of Nanostructured cerium-copper-oxide composites for environmental catalysis, Materials Research Society, Symp. Proc., Vol. 676 (2001)

EXAMINER SIGNATURE

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Express Mail No. EV322529889US
Attorney Docket No. A54 DIV(1)
Client/Matter No. 80741.0026.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tapesh Yadav, et al.

Serial No. 10/755,024

Filed: January 9, 2004

For: SOLUTION-BASED
MANUFACTURING OF
NANOMATERIALS

Group Art Unit:

Examiner:

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the attached:

1. Information Disclosure Statement;
2. Form PTO/SB/08A, with references;
3. Certificate of Mailing by Express Mail; and
4. Return Receipt Postcard

relating to the above application, were deposited as "Express Mail" Mailing Label No. EV322529889US, with the United States Postal Service, addressed to The Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on March 24, 2004.

3/24/04
Date

Stuart T. Langley
Mailer

3/24/04
Date

Stuart T. Langley
Stuart T. Langley, Reg. No. 33,940
HOGAN & HARTSON LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(720) 406-5335 Tel
(720) 406-5301 Fax